

Fig. 1

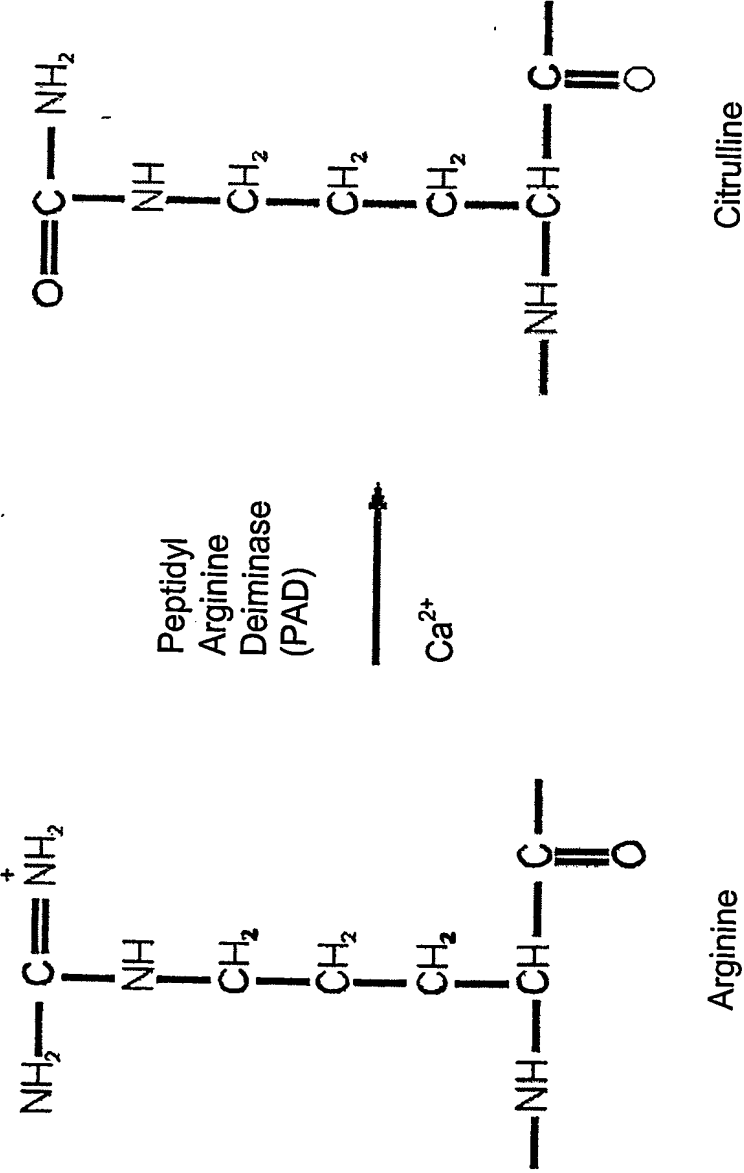


Fig. 2

hePAD	1	MVSV	EGRAMSFQSI	IHLSDSPVH	AVCVL	GEICLD	SGCAPQKCQCFT	IHGSRVLI	DVANTV	I	SEKEDAT	I	WVPLSD	PTYATV	KMTSPSP	VDADKVS	100																																																																																	
mePAD	1	-----	-----	MVGME	ITL	DISK	APDKCKSFT	IRGSP	RI	LIH	SISSVI	AGKED	I	VVWR	SMHPT	VALVR	MVAPSP	TVDEDKVL	73																																																																															
hePAD	101	V	YYPGNED	APVGT	AVLYLT	GIE	FFGAQRSS	QSFV	PLLP	VEVSQA	QEA	EVSL	VDI	YRNG	QVEM	SSDKQAK	KKWI	WPGSG	WGAILL	VNCNP	PADV	VGQQL	200																																																																											
mePAD	74	V	S	YFCPDQ	EVPTA	TAVL	FLTGI	-----	-----	EIS	LEAD	I	YRD	GQ	LDMP	SDKQAK	KKWM	G	MNGW	GAILL	VNCSP	NAV	VGQXL	145																																																																										
hePAD	201	ED	KKTKV	I	FSE	ITN	L	SQMT	IN	VQGP	SCIL	KKYRL	VL	HTS	KE	SKAR	VV	WPQ	DN	SS	T	FEL	VL	GP	DQ	HAYT	L	ALL	GNH	L	KE	TFY	VEA	IA	FPSA	E	FSGL	300																																																												
mePAD	146	M	NSP	FR	XXPRE	I	QNN	L	SQMN	V	T	EGP	T	SIL	QNY	QL	IL	HTS	EE	EAK	TR	V	WS	Q	R	G	S	X	AY	EL	V	V	GP	N	K	P	V	YLL	P	T	F	N	R	R	K	E	A	F	Y	E	A	T	E	F	P	S	P	S	F	S	G	L	245																																			
hePAD	301	I	S	V	S	L	V	E	S	Q	D	P	S	I	P	E	T	V	L	Y	K	D	T	V	V	F	R	V	A	P	C	V	F	I	P	C	T	Q	V	P	L	E	V	L	C	R	E	L	Q	L	Q	G	F	V	D	T	V	T	K	L	S	E	K	S	N	S	Q	V	A	S	V	E	D	P	N	R	L	G	R	W	L	Q	D	E	M	A	F	C	Y	T	Q	A	P	H	K	T	400	
mePAD	246	I	S	L	S	L	V	E	K	A	H	D	E	C	I	P	E	L	P	L	Y	K	D	T	V	M	F	R	V	A	P	I	F	M	P	S	T	O	M	P	L	E	V	L	C	R	E	L	Q	L	Q	G	F	V	D	S	V	T	K	L	S	E	K	S	K	V	V	Q	V	V	K	V	E	D	P	N	R	Q	S	K	W	L	Q	D	E	M	A	F	C	Y	T	Q	A	P	H	K	T	345
hePAD	401	T	S	L	I	D	T	P	Q	A	D	L	D	E	F	F	M	K	Y	S	L	S	P	G	I	G	Y	M	I	Q	D	T	E	D	H	K	V	A	S	M	D	S	I	G	N	L	M	V	S	P	P	V	K	Q	K	E	Y	P	L	G	R	V	L	I	G	S	S	F	Y	P	S	A	E	G	R	A	M	S	K	T	L	R	D	F	L	Y	A	Q	V	Q	A	P	V	E	L	Y	500	
mePAD	346	V	S	L	I	D	T	P	R	V	S	K	L	E	D	F	P	M	K	Y	T	L	T	P	G	S	G	Y	L	I	R	Q	I	E	D	H	R	V	A	S	L	D	S	I	G	N	L	M	V	S	P	P	V	K	A	Q	K	D	Y	P	L	G	R	V	L	I	G	S	S	F	Y	P	S	S	E	G	R	D	M	N	K	L	R	E	F	V	Y	A	Q	V	Q	A	P	V	E	L	F	445
hePAD	501	S	D	W	L	M	T	G	H	V	D	E	F	M	C	F	I	P	T	D	D	K	N	E	G	K	K	G	F	L	L	L	A	S	P	A	C	Y	K	L	F	R	E	K	Q	K	E	G	Y	G	D	A	L	L	F	D	E	L	F	A	D	Q	L	L	S	N	G	R	E	A	K	T	I	D	Q	L	A	D	E	S	L	K	K	Q	N	E	Y	X	E	C	I	H	L	N	R	D	I	600
mePAD	446	S	D	W	L	M	T	G	H	M	D	Q	F	M	C	V	P	T	N	D	K	N	D	Q	K	D	F	R	L	L	A	S	P	A	C	F	E	L	P	E	Q	K	K	E	G	Y	G																																																			